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```python
import pandas as pd
import numpy as np
```

▼ Task 1

```python
dict = {'Band Name':['Gojira', 'Rammstein', 'Mastodon', 'Sepultura', 'Opeth', 'Death', 'Pantera', 'Meshuggah', 'Tool', 'Children Of Bodo
'Formed':[1996, 1994, 1999, 1984, 1990, 1983, 1981, 1987, 1988, 1993],
'Origin':['France', 'Germany', 'USA', 'Brazil', 'Sweden', 'USA', 'USA', 'Sweden', 'USA', 'Finland'],
'Monthly Listners':[2088164, 11805128, 1494143, 1690673, 828413, 758557, 6243362, 887149, 4042219, 1064458],
'Popularity':[74, 80, 68, 64, 63, 59, 73, 64, 76, 67]}
```

```python
dict
```

```
{'Band Name': ['Gojira',
  'Rammstein',
  'Mastodon',
  'Sepultura',
  'Opeth',
  'Death',
  'Pantera',
  'Meshuggah',
  'Tool',
  'Children Of Bodo'],
 'Formed': [1996, 1994, 1999, 1984, 1990, 1983, 1981, 1987, 1988, 1993],
 'Origin': ['France',
  'Germany',
  'USA',
  'Brazil',
  'Sweden',
  'USA',
  'USA',
  'Sweden',
  'USA',
  'Finland'],
 'Monthly Listners': [2088164,
  11805128,
  1494143,
  1690673,
  828413,
  758557,
  6243362,
  887149,
  4042219,
  1064458],
 'Popularity': [74, 80, 68, 64, 63, 59, 73, 64, 76, 67]}
```

```python
df = pd.DataFrame(dict)
```

▼ TASK 2

```python
df.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 10 entries, 0 to 9
Data columns (total 5 columns):
 #   Column            Non-Null Count  Dtype
---  ------            --------------  -----
 0   Band Name         10 non-null     object
 1   Formed            10 non-null     int64
 2   Origin            10 non-null     object
 3   Monthly Listners  10 non-null     int64
 4   Popularity        10 non-null     int64
dtypes: int64(3), object(2)
memory usage: 528.0+ bytes
```

```python
df.shape
```

```
(10, 5)
```

▼ TASK 3

```python
df.describe()
```

	Formed	Monthly Listners	Popularity
count	10.000000	1.000000e+01	10.000000
mean	1989.500000	3.090227e+06	68.800000
std	5.948856	3.524804e+06	6.679987
min	1981.000000	7.585570e+05	59.000000
25%	1984.750000	9.314762e+05	64.000000
50%	1989.000000	1.592408e+06	67.500000
75%	1993.750000	3.553705e+06	73.750000
max	1999.000000	1.180513e+07	80.000000

▾ TASK 4

```
df.loc[4]
```

```
Band Name          Opeth
Formed              1990
Origin             Sweden
Monthly Listners   828413
Popularity            63
Name: 4, dtype: object
```

▾ TASK 5

```
df.isnull().any()
```

```
Band Name          False
Formed             False
Origin             False
Monthly Listners   False
Popularity         False
dtype: bool
```

```
df.isnull().sum()
```

```
Band Name          0
Formed             0
Origin             0
Monthly Listners   0
Popularity         0
dtype: int64
```

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